

# SEQUENCE LISTING

<110> Yutaka KANDA  
Mitsuo SATOH  
Kazuyasu NAKAMURA  
Kazuhisa UCHIDA  
Toyohide SHINKAWA  
Naoko YAMANE  
Motoo YAMASAKI  
Nobuo HANAI

<120> ANTIBODY COMPOSITION-PRODUCING CELL

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<150> JP 2000-308526

<151> 2000-10-06

<150> US 60/268,926

<151> 2001-02-16

<160> 73

<170> PatentIn Ver. 2.1

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<220>  
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<210> 10  
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<400> 11  
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<210> 13  
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<210> 17  
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<400> 17  
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<210> 18  
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<210> 19  
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Lys Leu Val Cys Asn Ile Asn Lys Gly Cys Gly Tyr Gly Cys Gln Leu  
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<400> 24

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Arg Arg Ile Thr Tyr Leu Gln Asn Pro Lys Asp Cys Ser Lys Ala Arg
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3	0200	32° 15' N	122° 00' W	1000	10.0	80	10	090	1010.0	0	10	1000
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8	0700	32° 15' N	122° 00' W	1000	10.0	80	10	090	1010.0	0	10	1000
9	0800	32° 15' N	122° 00' W	1000	10.0	80	10	090	1010.0	0	10	1000
10	0900	32° 15' N	122° 00' W	1000	10.0	80	10	090	1010.0	0	10	1000
11	1000	32° 15' N	122° 00' W	1000	10.0	80	10	090	1010.0	0	10	1000
12	1100	32° 15' N	122° 00' W	1000	10.0	80	10	090	1010.0	0	10	1000
13	1200	32° 15' N	122° 00' W	1000	10.0	80	10	090	1010.0	0	10	1000
14	1300	32° 15' N	122° 00' W	1000	10.0	80	10	090	1010.0	0	10	1000
15	1400	32° 15' N	122° 00' W	1000	10.0	80	10	090	1010.0	0	10	1000
16	1500	32° 15' N	122° 00' W	1000	10.0	80	10	090	1010.0	0	10	1000
17	1600	32° 15' N	122° 00' W	1000	10.0	80	10	090	1010.0	0	10	1000
18	1700	32° 15' N	122° 00' W	1000	10.0	80	10	090	1010.0	0	10	1000
19	1800	32° 15' N	122° 00' W	1000	10.0	80	10	090	1010.0	0	10	1000
20	1900	32° 15' N	122° 00' W	1000	10.0	80	10	090	1010.0	0	10	1000
21	2000	32° 15' N	122° 00' W	1000	10.0	80	10	090	1010.0	0	10	1000
22	2100	32° 15' N	122° 00' W	1000	10.0	80	10	090	1010.0	0	10	1000
23	2200	32° 15' N	122° 00' W	1000	10.0	80	10	090	1010.0	0	10	1000
24	2300	32° 15' N	122° 00' W	1000	10.0	80	10	090	1010.0	0	10	1000

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1 5 10 15

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<400> 26

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<210> 27  
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<400> 27  
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<210> 28  
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<210> 29  
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<210> 30  
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<400> 30  
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<210> 31  
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<210> 39  
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<210> 41  
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<210> 43  
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<210> 44  
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<210> 45  
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<400> 45  
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<210> 46  
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<212> DNA  
<213> Artificial Sequence

<220>  
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<400> 46  
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<210> 47  
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<212> DNA  
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<400> 47  
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<210> 48  
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gatcctagt acagggggct ctggactggt gggcagagct atccagaagg tggtcgcaga 180  
tggcgctggc ttaccggag aggaatgggt gttgtctcc tccaaagatg cagatctgac 240  
ggatgcagca caaaccaag ccctgttcca gaaggtacag cccacccatg tcatcatct 300  
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<210> 53  
 <211> 27  
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<210> 54  
 <211> 23  
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<220>  
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 cccctcacgc atgaagcctg gag 23

<210> 55  
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<210> 56  
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<210> 57  
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 <400> 57  
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<210> 58

<211> 25  
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 <400> 58  
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 <210> 59  
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 cgctcaccg cctgaggcga catg 24  
  
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 <210> 63  
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ggggccatgc caaggactat gtcg

24

<210> 64

<211> 25

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic DNA

<400> 64

atgtggctga tgttacaaaa tgatg

25

<210> 65

<211> 1504

<212> DNA

<213> Cricetulus griseus

<220>

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<222> (1)..(1119)

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ggc gat aag ggc aag ccc agg aag gtg gcg ctc atc acg ggc atc acc	96
Gly Asp Lys Gly Lys Pro Arg Lys Val Ala Leu Ile Thr Gly Ile Thr	
20 25 30	
ggc cag gat ggc tca tac ttg gca gaa ttc ctg ctg gag aaa gga tac	144
Gly Gln Asp Gly Ser Tyr Leu Ala Glu Phe Leu Leu Glu Lys Gly Tyr	
35 40 45	
gag gtt cat gga att gta cgg cga tcc agt tca ttt aat aca ggt cga	192
Glu Val His Gly Ile Val Arg Arg Ser Ser Ser Phe Asn Thr Gly Arg	
50 55 60	
att gaa cat tta tat aag aat cca cag gct cat att gaa gga aac atg	240
Ile Glu His Leu Tyr Lys Asn Pro Gln Ala His Ile Glu Gly Asn Met	
65 70 75 80	
aag ttg cac tat ggt gac ctc acc gac agc acc tgc cta gta aaa atc	288
Lys Leu His Tyr Gly Asp Leu Thr Asp Ser Thr Cys Leu Val Lys Ile	
85 90 95 100	
atc aat gaa gtc aaa cct aca gag atc tac aat ctt ggt gcc cag agc	336
Ile Asn Glu Val Lys Pro Thr Glu Ile Tyr Asn Leu Gly Ala Gln Ser	
105 110 115	
cat gtc aag att tcc ttt gac tta gca gag tac act gca gat gtt gat	384
His Val Lys Ile Ser Phe Asp Leu Ala Glu Tyr Thr Ala Asp Val Asp	
120 125 130	
gga gtt ggc acc ttg cgg ctt ctg gat gca att aag act tgt ggc ctt	432
Gly Val Gly Thr Leu Arg Leu Leu Asp Ala Ile Lys Thr Cys Gly Leu	
135 140 145	
ata aat tct gtg aag ttc tac cag gcc tca act agt gaa ctg tat gga	480
Ile Asn Ser Val Lys Phe Tyr Gln Ala Ser Thr Ser Glu Leu Tyr Gly	
150 155 160	
aaa gtg caa gaa ata ccc cag aaa gag acc acc cct ttc tat cca agg	528
Lys Val Gln Glu Ile Pro Gln Lys Glu Thr Pro Phe Tyr Pro Arg	
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<211> 25  
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<400> 66  
atgaagttgc actatggtga cctca 25

<210> 67  
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<213> Cricetulus griseus

<400> 67  
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<210> 68  
<211> 25  
<212> DNA  
<213> Artificial Sequence

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<400> 68  
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<210> 69  
<211> 25  
<212> DNA  
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<400> 69  
accttgata gaaaggggtg gtctc 25

<210> 70  
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<213> Cricetulus griseus

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agaaa 125

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35 40 45  
Glu Val His Gly Ile Val Arg Arg Ser Ser Ser Phe Asn Thr Gly Arg  
50 55 60  
Ile Glu His Leu Tyr Lys Asn Pro Gln Ala His Ile Glu Gly Asn Met







Ala Glu Leu Gly Leu Gln Ser Ile Ala Phe Ser Val Phe Pro Asn Val  
 370 375 380  
 Pro Glu Asp Ser His Glu Lys Pro Cys Val Ile His Ser Ile Leu Asn  
 385 390 395 400  
 Ser Gly Cys Cys Val Ala Pro Gly Ser Val Val Glu Tyr Ser Arg Leu  
 405 410 415  
 Gly Pro Glu Val Ser Ile Ser Glu Asn Cys Ile Ile Ser Gly Ser Val  
 420 425 430  
 Ile Glu Lys Ala Val Leu Pro Pro Cys Ser Phe Val Cys Ser Leu Ser  
 435 440 445  
 Val Glu Ile Asn Gly His Leu Glu Tyr Ser Thr Met Val Phe Gly Met  
 450 455 460  
 Glu Asp Asn Leu Lys Asn Ser Val Lys Thr Ile Ser Asp Ile Lys Met  
 465 470 475 480  
 Leu Gln Phe Phe Gly Val Cys Phe Leu Thr Cys Leu Asp Ile Trp Asn  
 485 490 495  
 Leu Lys Ala Met Glu Glu Leu Phe Ser Gly Ser Lys Thr Gln Leu Ser  
 500 505 510  
 Leu Trp Thr Ala Arg Ile Phe Pro Val Cys Ser Ser Leu Ser Glu Ser  
 515 520 525  
 Val Ala Ala Ser Leu Gly Met Leu Asn Ala Ile Arg Asn His Ser Pro  
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 Cys Lys Asp Val Gly Asp Met Leu Ala Tyr Arg Glu Gln Leu Phe Leu  
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 Glu Ile Ser Ser Lys Arg Lys Gln Ser Asp Ser Glu Lys Ser  
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